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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/800,139	03/06/2001	Andreas Maier	DE920000020US1	4166

7590 11/10/2004

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EXAMINER

DAS, CHAMELI

ART UNIT	PAPER NUMBER
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2122

DATE MAILED: 11/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/800,139

Applicant(s)

MAIER ET AL.

Examiner

C.DAS

Art Unit

2122

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 September 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 and 14-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-12 and 14-27 is/are allowed.
- 6) ☐ Claim(s) 1 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☒ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☒ Interview Summary (PTO-413)
Paper No(s)/Mail Date. 10/27/04
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

1. This action is in response to the amendment after final filed on 9/23/2004.
2. The amendment after final has been entered.
3. Claim 1 has been amended.
4. Claims 13, and 28-29 have been canceled.

Quayle Action

5. This application is in condition for allowance (Claims 1-12, 14-27 are allowed) except for following matter:

The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because:
There is a lack of signature in oath/declaration.

EXAMINER'S AMENDMENT

6. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Cutter, applicant's representative on 10/27/04.

The application has amended as follows:

In the specification, abstract has been replaced by the following abstract.

--The present invention provides facilities for tagging files or data with attribute information in the form of a file tag (TAGINFO) which contains an identifier for text information (TEXTFLAG) and an attribute (CCSID) for identifying encoding schemes. TXTFLAG is an auto conversion flag. Furthermore, a runtime attribute (process CCSID) is assigned to a process specifying the runtime encoding scheme. A conversion is done automatically by an auto conversion function if both CCSIDs allow a conversion. Files having no file tag are tagged with a virtual file tag by means of an automatic tagging (AUTOTAG) function using heuristic rules for determining whether the data or file contains text or binary information. Old applications must work with untagged files as before. Existing applications should be able to benefit from auto conversion and thereby to be enabled to process new, tagged files without code changes. --

In the specification, on page 5, line 6, "Fig 6 shows" has been replaced by

Fig. 6A-6B show --.

In the claims,

In claim 1, line 9, "encoded data" should be replaced by -- encoded text data --.

In claim 1, line 10, "encoded data" should be replaced by -- encoded text data --.

REASON FOR ALLOWANCE

6. The following is an examiner's statement of reason for allowance:

The cited prior art taken alone or in combination fail to teach, in combination with the other claimed limitations, an auto conversion flag for allowing or not allowing automatic conversion of data into another encoding scheme; wherein said auto conversion flag is laid down

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as a binary switch which when on means that said data is uniformly encoded text data and when off means that said data is not uniformly encoded text data, as recited in the independent claim 1.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chameli Das whose telephone number is 703-305-1339.

The examiner can normally be reached on Monday-Friday from 7:00 A.M. to 3:30 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Tuan Dam can be reached at 703-305-4552. The fax number for this group is (703) 872-9306.

An inquiry of general nature or relating to the status of this application or proceeding should be directed to the group receptionist whose telephone number is 703-305-9600.

Conclusion

5. The prior art made or record and not relied upon is considered pertinent to applicant's disclosure.

TITLE: Data encoding method and system employing two-thirds code rate with full word look-ahead, US 4337458 A

TITLE: Programmatic access to the widest mode floating-point arithmetic supported by a processor, US 6748587 B1

TITLE: Efficient Recompression Techniques for Dynamic Full-Text Retrieval Systems, author: Klein, ACM, 1995.

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TITLE: Universal Coding of Band-Limited Sources by Sampling and Dithered Quantization,
author: Zamir et al, IEEE, 1992.

Any inquiry concerning this communication or earlier communications from the examiner
should be directed to Chameli Das whose telephone number is 571-272-3696

The examiner can normally be reached on Monday-Friday from 7:00 A.M. to 3:30 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor Tuan Dam can be reached at 571-272-3695. The fax number for this group is (703)
872-9306.

An inquiry of general nature or relating to the status of this application or proceeding
should be directed to the group receptionist whose telephone number is 703-305-9600.

Chameli C. Das
CHAMELI C. DAS
PRIMARY EXAMINER

10/27/09